

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-10 (Canceled).

11. (New) A radio transmission apparatus comprising:
an interleaver that performs interleaving of input data
including a plurality of bits to generate interleaved data;
a rate matcher that performs adjustment of a data length of
said interleaved data by increasing or decreasing the bits in the
interleaved data to provide data length adjusted data; and
a transmitter that transmits the data length adjusted data
adjusted by said rate matcher.

AI

12. (New) The radio transmission apparatus according to
claim 11, further comprising a coder that performs error
correction coding of said input data to provide error correction
coded data, wherein, after said error correction coding by said
coder, said interleaver performs the interleaving of the error
correction coded data prior to said adjustment by said rate
matcher.

13. (New) The radio transmission apparatus according to
claim 11, wherein said rate matcher increases or decreases the

bits in the interleaved data at regular intervals to provide said data length adjusted data.

14. (New) A radio reception apparatus comprising:
a receiver that receives data including a plurality of bits and transmitted from the radio transmission apparatus of claim 13;

a rate matcher that performs data length adjustment by increasing bits decreased in said radio transmission apparatus or decreasing bits increased in said radio transmission apparatus to provide data length adjusted data; and

a deinterleaver that performs deinterleaving of the data length adjusted data provided by said rate matcher of said radio reception apparatus, in accordance with the interleaving performed in said radio transmission apparatus.

15. (New) A communication terminal apparatus comprising the radio transmission apparatus of claim 11.

16. (New) A communication terminal apparatus comprising the radio reception apparatus of claim 14.

17. (New) A base station apparatus comprising the radio transmission apparatus of claim 11.

18. (New) A communication terminal apparatus comprising the radio reception apparatus of claim 14.

19. (New) A radio transmission method comprising:

- (a) performing interleaving of input data including a plurality of bits to generate interleaved data;
- (b) performing adjustment of a data length of said interleaved data by increasing or decreasing the bits in the interleaved data to provide data length adjusted data; and
- (c) transmitting the data length adjusted data adjusted in step (b) .

20. (New) A radio reception method comprising:

- (a) receiving data including a plurality of bits and transmitted from a radio transmission apparatus employing the radio transmission method of claim 19;
- (b) performing data length adjustment by increasing bits decreased in said radio transmission apparatus or decreasing bits increased in said radio transmission apparatus to provide data length adjusted data; and

(c) performing deinterleaving of the data length adjusted
data provided in step (b), in accordance with the interleaving
performed in said radio transmission apparatus.
